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October 31, 2003

**MAIL STOP PATENT APPLICATION**

Commissioner for Patents  
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Re: Application of Hideo WADA, Naoki ODA  
THERMAL INFRARED DETECTOR HAVING A SMALL THERMAL TIME  
CONSTANT AND METHOD OF PRODUCING THE SAME  
Assignees: **DIRECTOR GENERAL, TECHNICAL RESEARCH &  
DEVELOPMENT INSTITUTE, NEC CORPORATION**  
Our Ref. Q78279



Dear Sir:

Attached hereto is the application identified above comprising 34 sheets of the specification, including the claims and abstract, 9 sheets of drawings, a copy of an executed Assignment and PTO 1595 form, and a copy of an executed Declaration and Power of Attorney. Also enclosed is an Information Disclosure Statement and PTO/SB/08 A & B (modified) with references.

The Government filing fee is calculated as follows:

Total claims	<u>9</u> - 20	=	<u>          </u>	x	\$18.00	=	<u>          </u>	\$0.00
Independent claims	<u>5</u> - 3	=	<u>2</u>	x	\$86.00	=	<u>          </u>	\$172.00
Base Fee								\$770.00

<b>TOTAL FILING FEE</b>	<b>\$942.00</b>
Recordation of Assignment	\$40.00
<b>TOTAL FEE</b>	<b>\$982.00</b>

Checks for the statutory filing fee of \$942.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.



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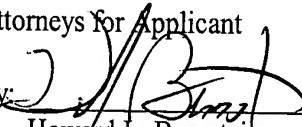
Priority is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
Japan	2002-319384	November 1, 2002

The priority document is enclosed herewith.

Respectfully submitted,  
SUGHRUE MION, PLLC

Attorneys for Applicant

By:   
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Registration No. 25,665 for  
J. Frank Osha  
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